

EUGlass

AKUSTEX is used in all situations where increased noise is likely to be a disturbance - in buildings located on busy streets, near major highways, rail routes, airports etc.

Function:

One method of achieving effective soundproofing is the use of panes of casting resin. Two panes of float glass are joined with an interlayer of casting resin with soundproofing properties.

Benefits:

- Optimum passive soundproofing
- Peace to live and work
- Reduction in noise-related stress
- Reduction of potential damage to hearing
- Many options for combination with heat insulation, sun protection and forced-entry protection

Noise is a cause of illness. The main source of the disturbance must be clearly identified for soundproofing measures to be correctly targeted and effectively implemented. A table of minimum soundproofing figures can be combined with insulation curve data to determine the best type of soundproof glass for the purpose. AKUSTEX Soundproof Insulating Glass provides the customary heat insulation performance expected of today's glass as a standard feature.

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Akustex Datasheet

| Type | Unit Construction (mm) | Weight (kg/m ²) | U _g DIN EN 673 (W/m ² K) | R _w (dB) | L _T (%) | g EN 410 (%) |
|----------------------------|---------------------------|--------------------------------|--|------------------------|-----------------------|--------------------|
| AKUSTEX premium 25/36 | 6-15-4 (25) | 25 | 1,2 | 36 | 79 | 65 |
| AKUSTEX premium 27/37 | 8-15-4 (27) | 30 | 1,2 | 37 | 78 | 59 |
| AKUSTEX premium 27/38 | 8-15-4 (27) | 30 | 1,4 | 38 | 78 | 59 |
| AKUSTEX premium 29/38 A3 | 10-15-4 (29) | 35 | 1,2 | 38 | 77 | 59 |
| AKUSTEX premium 30/39 | 10-16-4 (30) | 35 | 1,2 | 39 | 77 | 59 |
| AKUSTEX premium 34/41 | 10-20-4 (34) | 35 | 1,4 | 41 | 77 | 59 |
| AKUSTEX premium 36/42 | 12-20-4 (36) | 40 | 1,6 | 42 | 76 | 55 |
| AKUSTEX premium L-31/42 | 9,0-16-6 (31) | 37 | 1,2 | 42 | 77 | 59 |
| AKUSTEX premium L-39/44 | 11,5-20-8 (39) | 47 | 1,2 | 44 | 74 | 55 |
| AKUSTEX premium L-31/45 | 9,0-16-6 (31) | 37 | 1,6 | 45 | 77 | 59 |
| AKUSTEX premium L-35/45 | 9-16-10 (35) | 47 | 1,2 | 45 | 75 | 59 |
| AKUSTEX premium L-35/46 | 9,5-20-6 (35) | 37 | 1,4 | 46 | 76 | 59 |
| AKUSTEX premium L-34/46 A3 | 10-15-9,5 (34) | 47 | 1,6 | 46 | 74 | 59 |
| AKUSTEX premium LL-35/47 | 11,5-15-9,5 (35) | 50 | 1,2 | 47 | 74 | 55 |
| AKUSTEX premium LL-35/51 | 11,5-15-9,5 | 50 | 1,6 | 51 | 74 | 55 |
| AKUSTEX premium LL-42/53 | 13,5-20-9,5 | 55 | 1,6 | 53 | 73 | 55 |
| AKUSTEX premium AF-31/41 | 4/4-16-6 | 37 | 1,2 | 41 | 77 | 59 |
| AKUSTEX premium AF-35/43 | 5/5-16-6 | 47 | 1,2 | 43 | 75 | 55 |
| AKUSTEX premium AF-39/45 | 6/6-16-10 | 57 | 1,2 | 45 | 73 | 55 |
| AKUSTEX premium AF-38/47 | 6/6-16-4/4 | 55 | 1,2 | 47 | 73 | 55 |

L_T = Light Transmission

g = Energy Transmission

R_w = Weighted Sound Reduction Index